

LISTING OF THE CLAIMS

1-21. (cancelled)

22. (currently amended) An ink composition comprising:

a vehicle,

a surfactant,

a pigment, and

amphipathic polymer particles prepared by admixing an initiator having one or more radically transferable atoms or groups, a hydrophilic monomer, a ligand and a catalyst to form an ATRP mix; admixing one or more hydrophobic monomers, a surfactant, and water to form an emulsion; adding the emulsion to the ATRP mix to form the amphipathic polymer particles, wherein the amphipathic polymer particles having sizes of about 50 to about 400 nm, and a polydispersity index of 1-1.2;

wherein said vehicle is water or a mixture of water and one or more humectants.

23. (currently amended) An ink composition comprising:

a vehicle,

a surfactant, and

amphipathic polymer particles prepared by admixing an initiator having one or more radically transferable atoms or groups, a hydrophilic monomer, a ligand and a catalyst to form an ATRP mix; admixing one or more hydrophobic monomers, a surfactant, and water to form an emulsion; adding the emulsion to the ATRP mix to form the amphipathic polymer particles, wherein the amphipathic polymer particles having sizes of about 50 to about 400 nm, and a polydispersity index of 1-1.2;

wherein the ATRP mix further comprises a polymerizable dye monomer; and

wherein said vehicle is water or a mixture of water and one or more humectants.